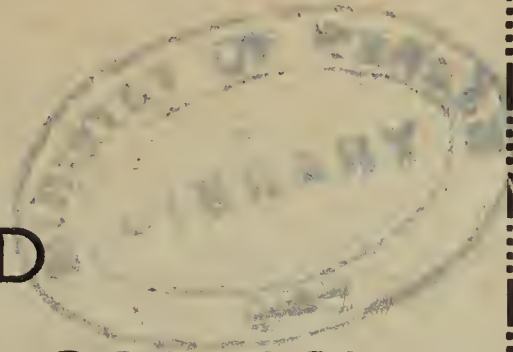


SHEPSHED
URBAN DISTRICT COUNCIL



ANNUAL REPORT

of the Medical Officer of Health

and

Surveyor and Sanitary Inspector

for the Year 1947

By

A. McM. W. SEGERDAL, M.D., D.P.H.

Medical Officer of Health

and

R. B. JONES, Cert. R.S.I.

Surveyor and Sanitary Inspector

Medical Officer of Health's Report, 1947.

Mr. Chairman and Gentlemen,

I beg to present my Annual Report for the year 1947.

It will be noted that the rising birth rate for England and Wales is reflected in a higher rate for Shepshed.

Owing to shortage of Nursing Staff, fewer beds were available at the Isolation Hospital and Sanatorium, Markfield, particularly for Tuberculosis. The situation with regard to the treatment of Tuberculosis must be regarded as serious, and I feel that individually, and as a body, no effort should be spared to remedy this tragic state of affairs.

The building of houses is at last on the way, although slowly, but the housing shortage is still a problem. During the year the number of inhabited houses was increased by 45.

It is pleasing to report that no cases of Diphtheria or acute Poliomyelitis (infantile paralysis) were notified.

Immunisation against Diphtheria remains fairly satisfactory, but the number being immunised in the under Age 5 Groups is tending to fall off.

Again I must express my indebtedness to Mr. R. B. Jones, Surveyor and Sanitary Inspector, for his valuable assistance, not only throughout the year but in compiling this report, and to you for your confidence and willing co-operation.

I am, Gentlemen,

Your obedient Servant,

A. McM. W. SEGERDAL.

Chairman : C. W. JORDAN, J.P.

Clerk of the Council : H. W. BERESFORD.

Medical Officer of Health : A. McM. W. SEGERDAL, M.D., D.P.H.

Surveyor & Sanitary Inspector : R. B. JONES, Cert. R.S.I.

Gas & Water Engineer : J. E. MATLOCK.

SECTION A.

1. General Statistics and Social Conditions.

Area (in acres) ...	...	...	...	4321
Registrar-General's estimate of resident population mid-1946	5771			
Number of inhabited houses (end of 1947)	...			1774
Rateable Value ...	...	...	...	£25,496
Sum representing 1d. rate ...	...	...	...	£100

Shepshed is situated in pleasant surroundings on the northern borders of the Charnwood Forest. Its main industries are quarrying, manufacture of hosiery, boots and shoes, bricks and tiles. There is a public park with paddling pool and playground for children.

During the year no industry was noticed as having an adverse effect on health.

2. Vital Statistics.

		Males	Females	Total	
Live Births	{ Legitimate	65	54	119	
	{ Illegitimate	2	-	2	
		—	—	—	
Total		67	54	121	
Birth Rate per 1000 of estimated population				...	21.0
" " " (England and Wales)				...	20.5
		Males	Females	Total	
Still Births	{ Legitimate	3	3	6	
	{ Illegitimate	—	—	—	
		—	—	—	
		3	3	6	
Still Birth Rate per 1000 of estimated population				...	1.0
" " " (England and Wales)				...	.50
		Males	Females	Total	
Deaths	...	46	27	73	
Death Rate per 1000 of estimated population				...	12.6
" " " (England and Wales)				...	12.0

CAUSES OF DEATH.

CAUSE.				M.	F.	TOTAL
Respiratory T.B.	...	...	...	4	—	4
Other Forms of Tuberculosis	...	...	...	1	—	1
Cancer of Stomach and Duodenum	...	...	...	1	—	1
Cancer of Breast	...	...	...	—	1	1
Cancer of All Other Sites	...	...	...	3	5	8
Diabetes	...	...	...	—	1	1
Intracranial Vascular Lesions	...	...	...	7	1	8
Heart Diseases	...	...	...	8	8	16
Other Diseases of Circ. System	...	...	...	3	—	3
Bronchitis	...	...	...	4	1	5
Pneumonia	...	...	...	1	—	1
Ulcer of Stomach and Duodenum	...	...	...	2	1	3
Other Digestive Diseases	...	...	...	1	1	2
Nephritis	...	...	...	3	2	5
Other Maternal Causes	...	...	...	—	1	1
Premature Birth	...	...	...	—	1	1
Congenital Malformation Birth Injury	...	...	...	2	—	2
Road Traffic Accident	...	...	...	—	2	2
Other Violent Causes	...	...	...	2	1	3
All other causes	...	...	...	4	1	5
Total	...	...	...	46	27	73

Total Maternal Mortality Rate per 1000 births (Live or Still) 7.82

“ “ “(England and Wales) “ ... “ ... 1.17

Deaths of Infants under 1 year of age :

		Male	Female	Total
Legitimate	...	3	1	4
Illegitimate	...	—	—	—
		—	—	—
Total		3	1	4

Death Rate of All Infants under 1 year of age per 1000 live births :

Shepshed	...	...	...	33
England and Wales	...	...	...	41

Death Rate per 1000 live births under 2 years of age from
Enteritis and Diarrhoea :

Shepshed	...	...	...	0
England and Wales	...	...	...	5.8

Chief Causes of Death :

Heart Disease	...	...	...	16
Cancer (all forms)	...	...	...	10
Intracranial Vascular Lesions			...	8
Bronchitis	...	...	...	5
Nephritis	...	...	...	5

SECTION B.

General Provisions of Health Service for the Area.

HOSPITALS.

GENERAL : Loughborough General Hospital and Leicester Royal Infirmary are available.

INFECTIOUS DISEASES : Hospital are provided by the Leicestershire County Council at Markfield (76 beds), 54 only are available owing to shortage of Nursing Staff, Melton (32 beds), Hinckley (23 beds) and Blaby (17 beds).

SMALLPOX : Hospitals are provided by the Leicestershire County Council at Snarestone (23 beds) and Syston (15 beds).

TUBERCULOSIS : The Sanatorium at Markfield is well equipped for the diagnosis and treatment of all forms of tuberculosis and contains 214 beds, only 117 beds are in use owing to shortage of Nursing Staff.

Operations on cases of Pulmonary Tuberculosis are performed at Leicester City Isolation Hospital.

A number of Institutions including the following are available for the treatment of cases from the County of Leicester—City General Hospital, Leicester; Harlow Wood Orthopaedic Hospital, Mansfield; Warwickshire Orthopaedic Hospital, Coleshill.

MATERNITY : Glencoe Nursing Home, Coalville; Radmoor Nursing Home, Loughborough; and Somerville Nursing Home, Loughborough, are much used by residents from this area

Leicester Royal Infirmary and Loughborough Hospital are available for cases requiring institutional treatment.

CHILDREN : Children are admitted to Leicester Royal Infirmary and Loughborough General Hospital. Warwickshire Orthopaedic Hospital is also available for orthopaedic cases.

Other delicate and ill-nourished children (3–5) are admitted to the Children's Convalescent Home, Woodhouse Eaves. Cases of scabies are removed to Melton Public Assistance Institution.

AMBULANCE FACILITIES.

Infectious cases are removed by ambulances provided by the Leicestershire County Council. Non-infectious cases are removed

by ambulance provided by the St. John Ambulance Brigade at Loughborough. An interim ambulance service was established in 1945 by the County Council by arrangements with the St. John Ambulance Brigade. Colliery accidents are removed by ambulances provided by the National Coal Board stationed at the Central Ambulance Station, Nailstone Colliery.

CLINICS AND TREATMENT CENTRES.

Provided by County Council. Infant Welfare Centre is held at the Adult Schools Hall, Loughborough Road, Shepshed. Orthopaedic Clinic is held at Cripples Guild, Packe St., Loughborough. The Tuberculosis Officer attends at John Street, Loughborough. Artificial Pneumothorax treatment is given at John Street, Loughborough.

NURSING IN HOME.

General nursing in home is provided by a Resident District Nurse under supervision of the Leicestershire Nursing Association and aided by local voluntary contributions. A full time midwife under Leicestershire County Council is resident in the district.

HEALTH VISITORS.

This is provided by the County Council and the work of the Health Visitor, School Nurse and Tuberculosis Officer is combined in a single appointment. The Visitor's reports are available to me and I can always depend on her willing co-operation.

LABORATORY FACILITIES.

The County Council Laboratory, 8, St. Martin's, Leicester :

The examinations performed on behalf of the District in the County Laboratory are as follows :—

Swabs for Diphtheria	...	...	7
Sputa for T.B.	...	...	16
Sewage and Water Analyses		...	46
Urine, Gen. and Bact.	...	...	8
Urine for T.B.	...	...	2
Milk, Bacteriological	...	...	68
Milk for Phosphatase Test	...	...	6
Ice Cream	...	...	1
Total			154

Public Health Laboratory at Isolation Hospital, Groby Road, Leicester.

A unique type of service is available here, not only the excellent laboratory facilities but assistance on the spot in the investigation of an epidemic. Material for immunisation and vaccination may be obtained here.

SECTION C.

1. Sanitary Circumstances of the Area.

(i) **WATER SUPPLY.** The Council being the Water Undertaking purchase supply in bulk from Loughborough Corporation. During the year water supply has been extended to cover the "Forest" Area of the district.

(ii) **DRAINAGE AND SEWERAGE.** See Surveyor and Sanitary Inspector's Report.

2. Closet Accommodation.

(i) The Council have continued their grant to property owners to encourage the conversion of pail to water closets. During the year 8 conversions were carried out making a total of 552 conversions since the subsidy was commenced.

Privies	..	...	54
Pail Closets	...	...	455
W.C's	...	...	1450

(ii) **SCAVENGING.** This is done in a very satisfactory manner by the Public Health Department.

(iii) **SANITARY INSPECTION OF THE AREA.** See Sanitary Inspector's Report.

(iv) **SHOPS.** No action taken.

(v) **CAMPING SITES.** None in the Urban Area.

(vi) **SMOKE ABATEMENT.** Informal Action only.

(vii) **SWIMMING BATHS AND POOLS.** See Sanitary Inspector's Report.

(viii) **ERADICATION OF BED BUGS.** See Sanitary Inspector's Report.

(ix) **SCABIES.** No action taken.

SECTION D.

Housing.

Houses completed during year	Perm- anent	Av. Cost per house	Av. Rent inclusive of Rates
Local Authority ...	18	£1300	21/-
Private Enterprise ...	4	£1200	Owner Occ.
Houses in course of erection at end of year—			
(1) Local Authority ...	42	£1300	21/1
(2) Private Enterprise ...	6	£1200	Owner Occ.

I. *Inspection of Dwelling Houses during the year :—*

(1) (a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Act)	210
(b)	Number of inspections made for the purpose ...	270
(2) (a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under Housing Consolidated Regulations, 1925 and 1932	10
(b)	Number of inspections made for purpose ...	15
(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	10
(4)	Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	26

II. *Remedy of defects during the year without Service of Formal Notices* 18

III. *Action under Statutory Powers during the year :—*

(a)	Proceedings under Section 9, 10, 16 of the Housing Act, 1936.	
(1)	Number of dwelling houses in respect of which notices were served requiring repairs ...	Nil
(2)	Number of houses which were rendered fit after service of formal notices :—	
	(a) by Owners	Nil
	(b) by Local Authority in default of owners	Nil
(b)	Proceedings under Public Health Acts :—	
(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	24
(2)	Number of dwelling houses in which defects were remedied after service of formal notices :—	
	(a) by Owners	16
	(b) by Local Authority in default of owners	Nil
(c)	Proceedings under Section 11 and 13 of the Housing Act, 1936 :—	
(1)	Number of dwelling houses in respect of which Demolition Orders were made	Nil

- (2) Number of dwelling houses demolished in pursuance of Demolition Orders ... Nil
- (d) Proceedings under Section 12 of the Housing Act, 1936 :—
- (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... Nil
- (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... Nil

In the older part of the town a large percentage of dwellings are sub-standard. Owing to the acute housing shortage consideration of these properties under the Housing Acts is postponed until sufficient new houses are erected to meet the immediate need.

SECTION E.

Notifiable Diseases other than Tuberculosis.

	Final Numbers After Correction	Cases Admitted to Hospital	Total Deaths
Scarlet Fever ...	2	2	—
Measles ...	47	—	—
Pneumonia ...	11	—	1
Erysipelas ...	3	—	—
Puerperal Pyrexia ...	1	1	—
Other Cases admitted to Hospital (one baby with mother and one diagnosis not confirmed) ...	—	2	—
Total ...	64	5	1

Analysis under Age-Group in accordance with Form 118D of the Registrar-General's Returns.

Ages	Scarlet Fever	Measles
0—1	—	2
1—3	—	8
3—5	1	14
5—10	1	21
10—15	—	—
15—25	—	—
Total	2	45

Ages	Pneumonia	Erysipelas
0—5	3	—
5—15	2	—
15—45	4	1
45—65	2	1
65 & over	—	1
Total	11	3

Measles was fairly prevalent in February, March and April.
There were no cases of Diphtheria.

Immunisation.

Number of children immunised in 1947 :—

0—4 years	...	79
5—14 „	...	3
		—
Total under 15 years		82

Number of children who were given a secondary or
re-inforcing injection “Booster dose” (i.e. subsequent
to complete full course) 5

Immunisation in relation to Child Population.

Number of children who have completed a full course of
immunisation at any time up to 31st December, 1947.

Age at 31-12-47 i.e. Born in year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5-9 1938- 1942	10-14 1933- 1937	Total und'r 15 years
Number immun- ised	—	52	51	85	71	379	406	1044
Estima'd mid-year popula'n 1946	490					800		1290

In the age groups 5—14 are included a number of children
who have left the district.

Statement of Particulars appearing in the Tuberculosis
Register for the year 1947.

	Pulmonary			Non-Pulmonary			Total
	M.	F.	Total	M.	F.	Total	
No. of cases in the Register at the commencement of year	12	12	24	9	7	16	40
No. of cases notified during the year	4	2	6	—	1	1	7
No. of cases restored to the Register	—	—	—	—	—	—	—
No. of cases added other than by notification	—	—	—	—	—	—	—
No. of cases removed from the Register during the year	4	2	6	—	—	—	6
No. of cases remaining on the Register at end of year	12	12	24	9	8	17	41

Causes of Removal.

	Pulmonary		Non-Pulmonary		Total
	M.	F.	M.	F.	
Died	4	—	—	—	4
Cured	—	2	—	—	2
Total	4	2	—	—	6

Sanitary Inspector's Report

1. Water.

No. of Samples taken for analysis from pipe supply	...	Nil
No. of Samples taken for analysis from wells	...	44
No. of wells closed	...	26
No. of cases in which public supply was substituted for well supply	...	43

The public supply of the district was satisfactory in quality and quantity.

During the year the water supply was extended to cover the Forest Area of the Urban District. Extensions were also made to new housing estate.

No. of dwellings served direct from public mains—1258, Population—4557. No. of dwellings served by standpipe—324, Population 896.

2. Drainage and Sewerage.

No. of cesspools constructed during the year	...	1
No. of cesspools abolished during the year	...	Nil
No. of cesspools in district 31st December, 1947	...	92

During the year the Council's scheme for the extension of the sewage system to include the Forest Area, also for the extension of the Sewage Disposal Plant was submitted to the Ministry of Health.

3. Closet Accommodation.

Total number in district at end of 1947 :—

Privies	...	54
Pail Closets	...	455
W.C's	...	1450
Pail Closets converted to W.C's	...	8

4. Scavenging.

Refuse collection is carried out by direct labour with covered lorry and taken to a tip situate away from dwelling houses.

Pail closets are emptied at night, weekly, in tumbler carts and taken on to agricultural land. The only privies in the district are in farms and cottages outside the scavenging area. Cesspools are emptied by owners.

5. Sanitary Inspection of Area.

Total number of complaints received	...	80
Total number of defects discovered	...	132

INSPECTIONS MADE.

	First Inspections	Revisits
Animal Keeping	40	—
Bakehouses	30	—
Dairies and Cowsheds ..	84	54
Drainage Works	100	—
Dwelling Houses (all purposes)	210	60
Food Premises	85	—
Rats & Mice Destruction ..	30	—
Refuse Collection and Disposal .	125	—
Schools	10	4
Shops	40	65
Slaughterhouses and Meat Inspections	205	—
Water Supplies	60	42
Workshops	40	—
Other Inspections	259	—
Total	1318	225

6. Notices.

Preliminary	Housing	Public Health
Outstanding on 1st January, 1947	10	2
Issued during year	47	66
Complied during year	42	61
Statutory Notice necessary ...	24	—
Outstanding 31st December, 1947	8	5

Statutory	Housing	Public Health
Outstanding on 1st January, 1947	7	—
Issued during year ...	24	—
Complied with during year ..	25	—
Outstanding 31st December, 1947	6	—

SUMMARY ACTION — NIL.

7. Shops.

No action taken.

8. Camping Sites.

None in the Urban Area.

9. Regulated Buildings.

None in the Urban Area.

10. Eradication of Bed Bugs.

No action taken.

11. Schools.

No. of schools disinfested	...	Nil
No. of schools disinfected	...	3

12. Swimming Baths and Pools open to Public.

No. in area :—

(a) Publicly owned	...	1
(b) Privately owned	...	Nil
Number of inspections	...	80

Children's Paddling Pool only, main supply of water,
regularly dosed with "Chloras."

13. Inspections and Supervision of Food.

(a) MILK SUPPLY :

COWKEEPERS.

No. on Register	No. of Inspections	No. of Contraventions			
		Outstanding from previous year	Found during year	Remedied during year	Outstanding at 31st Dec.
26	80	—	6	6	1

DAIRYMEN OR PURVEYORS OF MILK (other than Cowkeepers)

No. on Register	No. of Inspections	No. of Contraventions			
		Outstanding from previous year	Found during year	Remedied during year	Outstanding at 31st Dec.
4	12	—	—	—	—

TOTAL CONTRAVENTIONS.

	Outstanding from previous year	Found during year	Remedied during year	Outstanding at 31st Dec.
Cleansing ..	—	6	6	—
Structural Alteration	1	—	1	—
Utensils ...	—	—	—	—
Other ...	—	—	—	—

42 samples were taken for bacteriological examination of which 41 were satisfactory.

(b) ICE CREAM :

There are no manufacturers in this area. There are two registrations for sale by retail, the premises are satisfactory. Samples taken were placed Grade 1.

(c) MEAT AND OTHER FOODS :

Number of Regional Slaughterhouses in Area	...	Nil
Number of animals slaughtered elsewhere	...	228
Number of animals examined elsewhere	...	183
Number of inspections of meat at times of slaughter		106

No carcasses or parts were condemned for tuberculosis. 1 whole pig carcase (180 lbs.) was condemned for disease other than tuberculosis.

	No. of Inspections
Meat Stores, Meat Shops, etc. ...	110
Places where food (other than meat) is kept or prepared for sale ...	56

R. B. JONES,
Surveyor and Sanitary Inspector.

